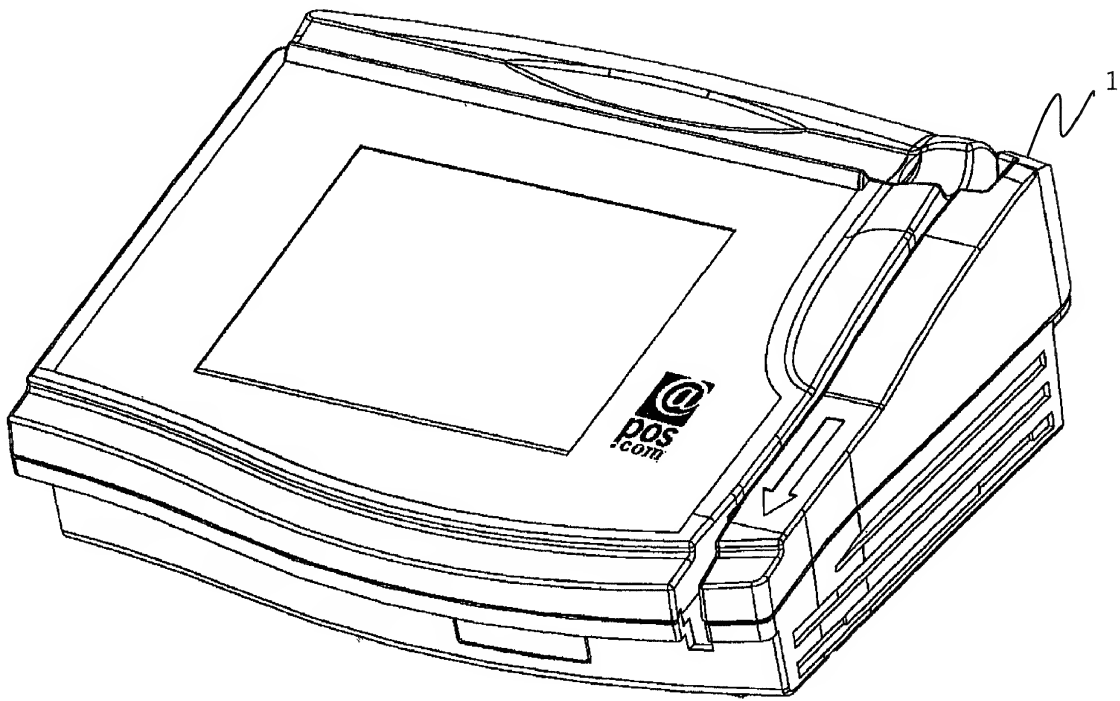

Figure 1

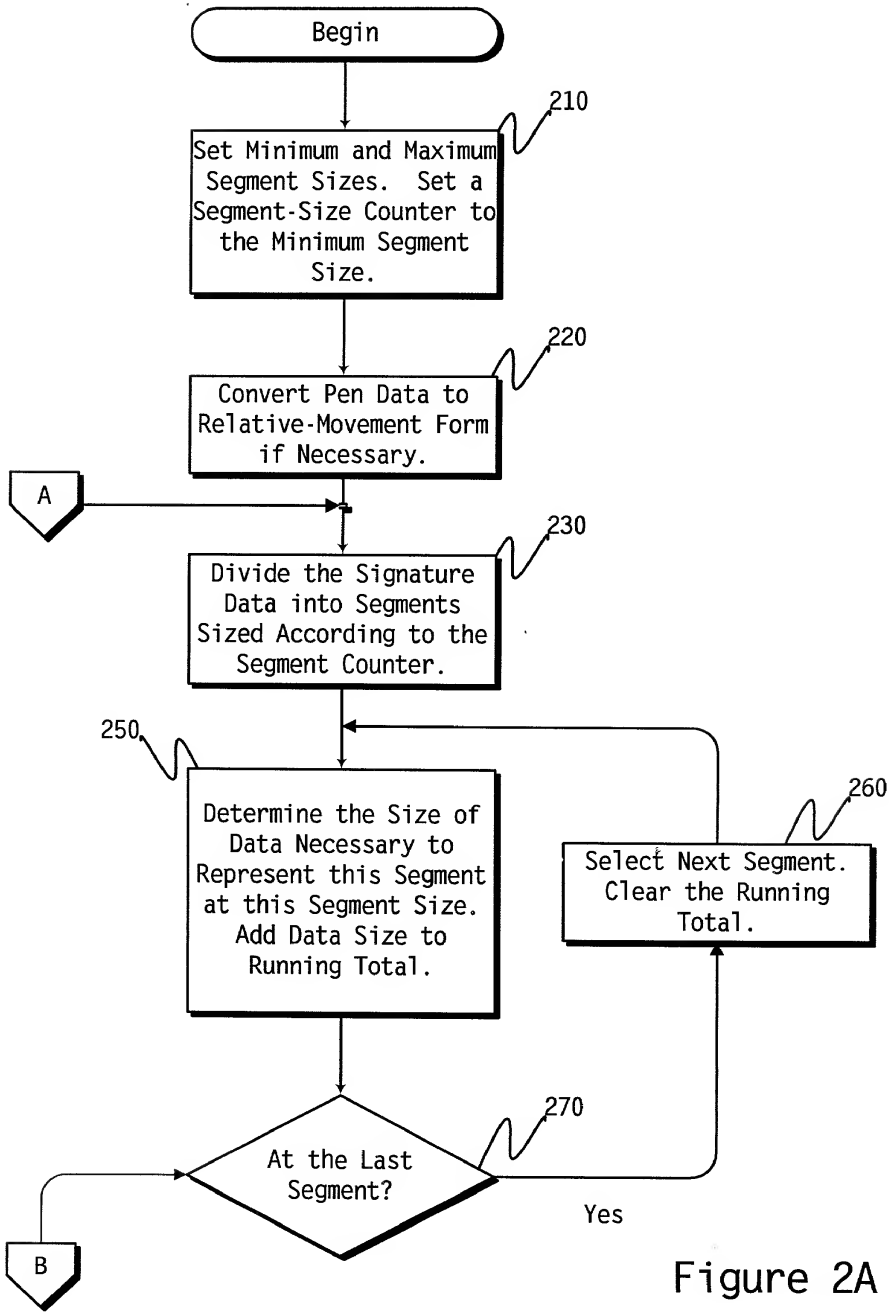
Begin
210
Set Minimum and Maximum Segment Sizes. Set a Segment-Size Counter to the Minimum Segment Size.
220
Convert Pen Data to Relative-Movement Form if Necessary.
A
230
Divide the Signature Data into Segments Sized According to the Segment Counter.
250
Determine the Size of Data Necessary to Represent this Segment at this Segment Size. Add Data Size to Running Total.
260
Select Next Segment. Clear the Running Total.
270
At the Last Segment?
Yes
B

Figure 2A

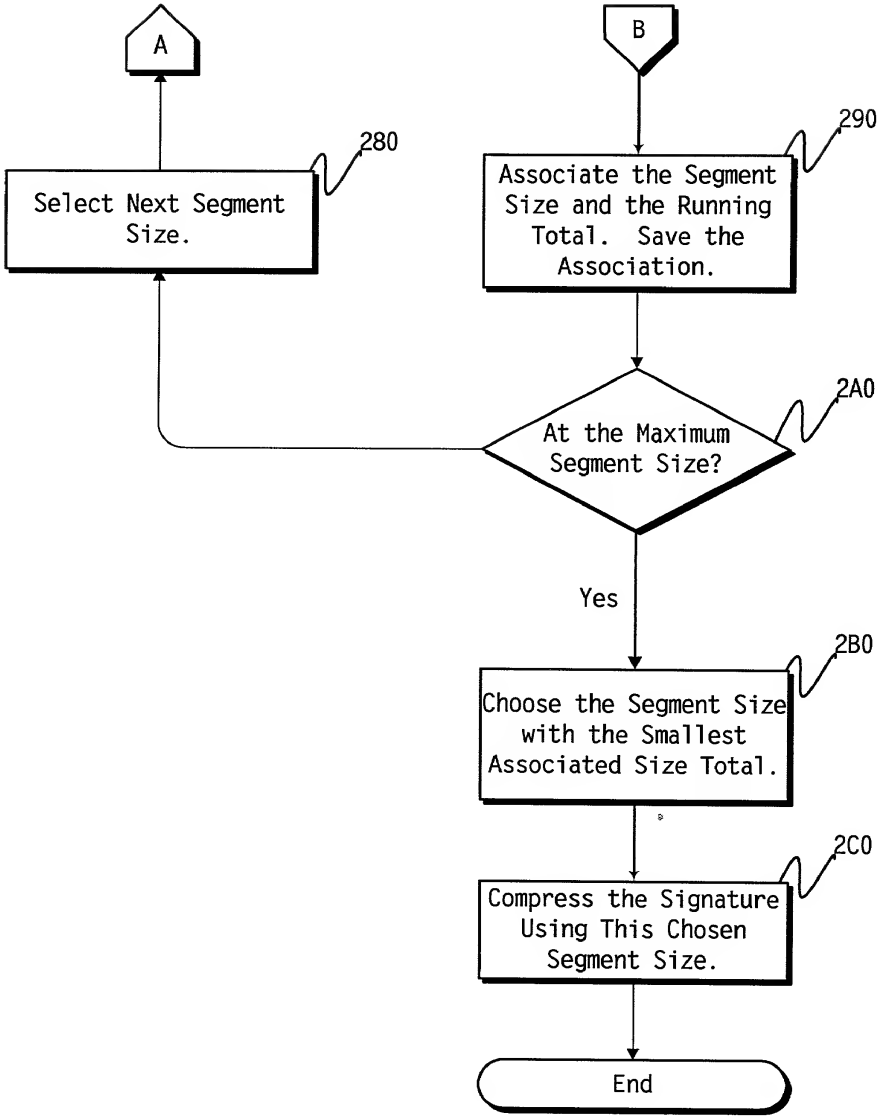
A
B
280
Select Next Segment Size.
290
Associate the Segment Size and the Running Total. Save the Association.
2A0
At the Maximum Segment Size?
Yes
2B0
Choose the Segment Size with the Smallest Associated Size Total.
2C0
Compress the Signature Using This Chosen Segment Size.
End

Figure 2B

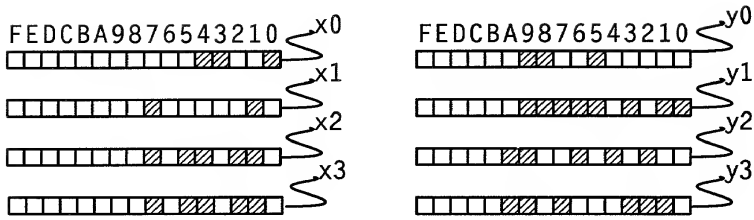

Figure 3A

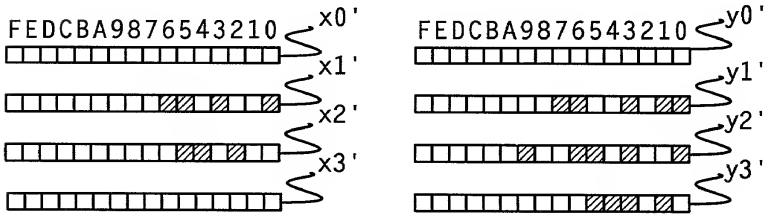

Figure 3B

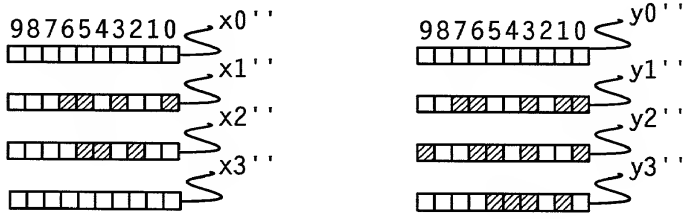

Figure 3C

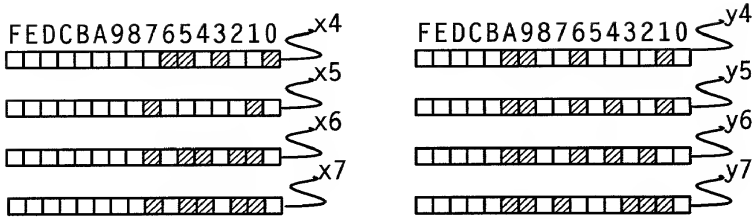

Figure 4A

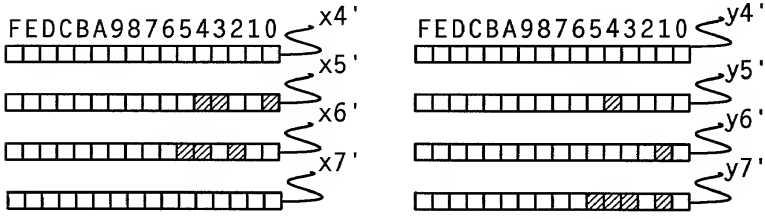

Figure 4B

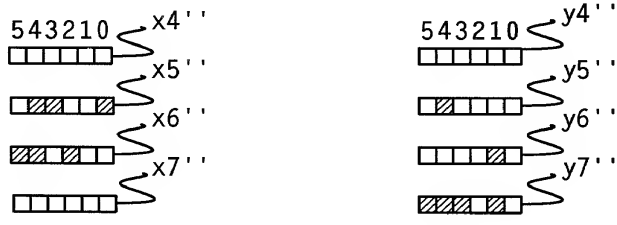

Figure 4C

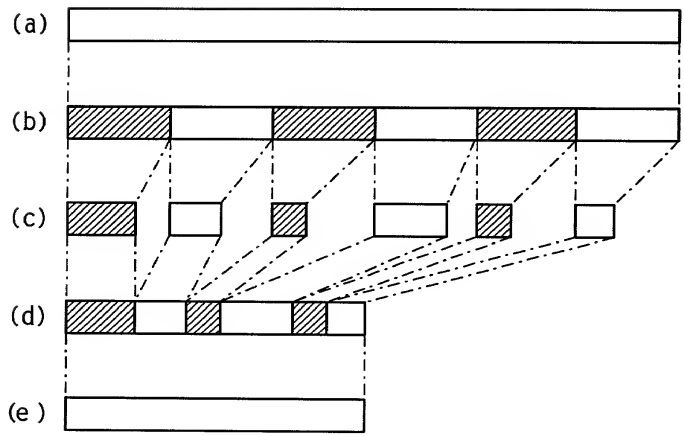

Figure 5

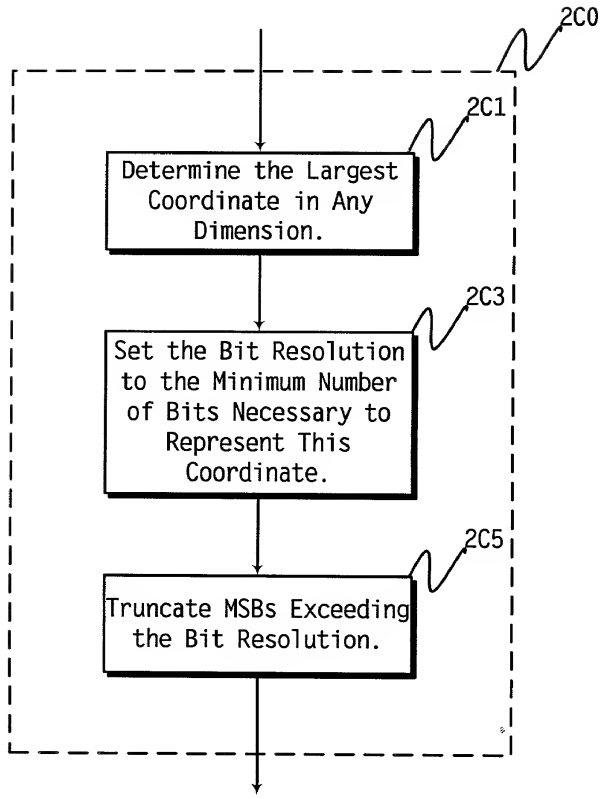
2C0
2C1
Determine the Largest Coordinate in Any Dimension.
2C3
Set the Bit Resolution to the Minimum Number of Bits Necessary to Represent This Coordinate.
2C5
Truncate MSBs Exceeding the Bit Resolution.

Figure 6